

WHAT IS CLAIMED IS:

1. A flexible cable, comprising:

a flexible cable main body having one end configured to connect to a first part and the other end configured to connect to a second part on a side opposite to the first part and configured to transmit signals between the first and second parts, wherein at least one of the first and second parts is movable; and

a folded portion formed by folding a portion of the cable main body so that two opposing faces are in contact with each other.
2. The flexible cable as claimed in claim 1, further comprising a folded-state maintaining device configured to maintain a folded state of the folded portion.
3. The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.
4. The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.
5. The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a folding clip with an insertion slot into which the folded portion is inserted.

6. The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.

7. The flexible cable as claimed in claim 1, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion and the curved portion is relatively longer than the straight portion.

8. A disk drive comprising the flexible cable of claim 1.

9. A flexible cable, comprising:
a first end configured to be connected to a first part and a second end configured to be connected to a second part, so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and
a folded portion formed by folding a portion of the flexible cable, wherein the folded portion does not deviate from vertical alignment with the first part.

10. A disk drive comprising the flexible cable of claim 9.

11. A flexible cable, comprising:
a first end configured to be connected to a first part and a second end configured to be connected to a second part so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and

at least one curved portion formed by folding a portion of the flexible cable, wherein a vertex of the curved portion does not deviate from vertical alignment with the first part.

12. A disk drive comprising the flexible cable of claim 11.

13. A disk drive, comprising:

a main base;

a pickup base installed on the main base and provided with parts for recording and reproducing signals on and from a disk, including an optical pickup linearly movable within a predetermined region;

a board fixedly installed on a side of the main base and configured to control driving of the parts including the optical pickup; and

a flexible cable having a folded portion formed by folding a portion of a flexible cable main body, wherein two strips of cable extend from the folded portion in the same direction and are connected, respectively, to the optical pickup and the board so as to transmit signals therebetween.

14. The disk drive as claimed in claim 13, further comprising:

a tray configured to move inside and outside the main base so as to move the disk between a loading position and an unloading position;

15. The disk drive as claimed in claim 9, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion.

16. The disk drive claimed in claim 15, wherein the folded portion is formed near one of the optical pickup and the board.

17. The disk drive as claimed in claim 15, wherein the curved portion is relatively longer than the straight portion.

18. The disk drive as claimed in claim 13, further comprising a folded-state maintaining device configured to maintain a folded state of the cable main body.

19. The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.

20. The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.

21. The flexible cable as claimed in claim 18, wherein the folded-state maintaining comprises a folding clip with an insertion slot into which the folded portion is inserted.

22. The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.